

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 17486-00012

Anticipated classification of this application:

Class: 327 Subclass: 164

Prior application:

Examiner: Le, Dinh Thanh
Art Unit: 2816

To the Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a request for filing a Continuation Patent Application under 37 CFR 1.60, of pending prior application serial number 10/131,606, filed on April 24, 2002, by Adam L. Carley, for ARBITRARY WAVEFORM SYNTHESIZER USING A FREE-RUNNING RING OSCILLATOR.

- 1.X Enclosed is a complete copy of the prior application including the oath or declaration as originally filed and an affidavit or declaration verifying it is a true copy. (See 8 and 9 for drawing requirements).
- 2.X A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 _____ is enclosed X was filed in the prior application and such status is still proper and desired (37 CFR 1.28(a)).
- 3.X The filing fee is calculated below.

CLAIMS AS FILED IN THE PRIOR APPLICATION LESS
ANY CLAIMS CANCELLED BY AMENDMENT BELOW

	Number Filed	Number Extra
Basic fee.....		\$385.00
Total Claims.....	22 =	2
Independent claims	1 =	0
*Multiple dependent claim(s) presented.....		No



FILING FEE CALCULATION

	Rate	Fee
Basic fee		\$385.00
Total claims in excess of 20	\$9.00	\$18.00
Independent claims in excess of 3	\$43.00	\$-0-
Multiple dependent claims	\$145.00	\$-0-
 Total Filing Fee		 \$403.00

4. _____ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Account No. 50-1582. A duplicate copy of this sheet is enclosed.
5. _____ A check in the amount of \$ _____ is enclosed.
6. _____ Cancel in this application original claims ____ of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
7. X _____ Amend the specification by inserting before the first line the sentence: --This application is a continuation of application serial number 10/131,606, filed on April 24, 2002. Priority is claimed.--
8. _____ Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May only be used if signed by person authorized by Section 1.138 and before payment of issue fee.)
9. X _____ New formal drawings are enclosed.
10. X _____ Priority of application serial number 10/131,606, filed on April 24, 2002, in U.S. Patent and Trademark Office, is claimed under USC 119.
11. _____ The certified copy has been filed in prior application serial number __, filed __.
12. X _____ The prior application is assigned of record to TimeLab Corporation of North Andover, Massachusetts.
13. _____ The power of attorney in the prior application is to Brian M. Dingman, Esq.
- a. X _____ The power appears in the original papers in the prior application (copy enclosed).
- b. _____ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.


c. X Address all future communications to:
Brian M. Dingman, Esq.
Mirick, O'Connell, DeMallie & Lougee, LLP
1700 West Park Drive
Westborough, MA 01581-3941

14. A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)

15. X I hereby verify that the attached papers are a true copy of prior application serial number 10/131,606, filed on April 24, 2002.

The undersigned declare further that all statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

December 2, 2003
Date



Brian M. Dingman, Esq.
Reg. No. 32,729
Attorney of Record

Address of signor:

Mirick, O'Connell, DeMallie & Lougee, LLP
1700 West Park Drive
Westborough, MA 01581-3941
Tel.: 508-898-1501
Fax: 508-898-1502

MIRICK O'CONNELL
ATTORNEYS AT LAW
MIRICK, O'CONNELL, DEMALLIE & LOUGEE, LLP

December 2, 2003

Mail Stop: Continuation Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: AN ARBITRARY WAVEFORM SYNTHESIZER USING A
FREE-RUNNING RING OSCILLATOR
Our Reference: 17486-00012

Dear Sir:

Enclosed is a continuation patent application, including formal papers, as follows:

Applicant: Adam L. Carley

Title: AN ARBITRARY WAVEFORM SYNTHESIZER USING A
FREE-RUNNING RING OSCILLATOR

Number of Pages of Specification: 44; Claims: 5; Drawings: 24; Continuation Application
Transmittal Sheet; and a copy of the Power of Attorney

Filing Fee Calculation (Small Entity):

TOTAL FILING FEE: \$403.00

This application is a continuation of application serial number 10/131,606 filed on April 24,
2002. Priority is claimed.

If for any reason this application is found to be incomplete, or if at any time it appears that a
telephone conference with counsel would help advance prosecution, please telephone the undersigned in
Westborough, Massachusetts, (508) 898-1501.

Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Very truly yours,

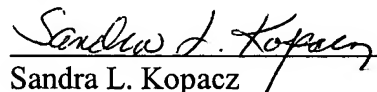

Brian M. Dingman

BMD/slk
Enclosures



CERTIFICATE OF EXPRESS MAILING

I hereby certify that the attached CONTINUATION PATENT APPLICATION is being deposited with the United States Postal Service, Express Mail Certificate No. EL935484887US, on this 2nd day of December, 2003, in an envelope addressed to Mail Stop: Continuation Patent Applications, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Sandra L. Kopacz